

Daily Challenge

Happy Coding from necse



SKILLRACK

## Right Angled Triangle Check

Three sides of a triangle are passed as input. The program must print **yes** if the sides form a right angled triangle. Else the program must print **no**.

**Boundary Condition(s):**

1 <= Length of the sides <= 999999999

**Input Format:**

The first line contains three integers denoting the length of the sides separated by a space.

**Output Format:**

The first line contains **yes** or **no**

**Example Input/Output 1:**

Input:

5 4 3

Output:

yes

**Example Input/Output 2:**

Input:

8 5 6

Output:

no

**Max Execution Time Limit: 5000 millisecs**

Ambiance

Java ( 12.0)



```
1  import java.util.*;
2  public class Hello {
3
4      public static void main(String[] args) {
5          Scanner sc=new Scanner(System.in);
6          int a=sc.nextInt();
7          int b=sc.nextInt();
8          int c=sc.nextInt();
9
10         if(a*a==(b*b)+(c*c) || b*b==(c*c)+(a*a) || c*c==(b*b)+
11             System.out.print("yes");
12     }
13     else{
14         System.out.print("no")
15     }
16
17     }
18 }
```

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SaveRun